



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

State of New Mexico

(Company or Operator)

(Lease)

Well No. 8, in NW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 30, T. 17-S, R. 35-E, NMPM.

Pool, Lea County.

Well is 500 feet from West line and 550 feet from North line of Section 30. If State Land the Oil and Gas Lease No. is B-1722-1

Drilling Commenced October 2, 1964. Drilling was Completed November 4, 1964

Name of Drilling Contractor Marcum Drilling Company

Address P. O. Box 5094 - Midland, Texas

Elevation above sea level at Top of Tubing Head 4002' (D. F.). The information given is to be kept confidential until March, 1965

See the attached sheet.

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

Drilled with rotary tools and no water sands tested.

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

No. 4, from.....to.....feet.....

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48.00	NEW	358'	Howco	NONE	NONE	Surface
9 5/8"	36.00	NEW	4785'	Howco	NONE	NONE	Intermediate
2 7/8"	6.50	NEW	10287'	Howco	NONE	See attached	Production
2 7/8"	6.50	NEW	10287'	Howco	NONE	See attached	Production
2 7/8"	6.50	NEW	10287'	Howco	NONE	See attached	Production

VAN
VW
VUP

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	374'	450	HOWCO		
12 1/4"	9 5/8"	4800'	500	HOWCO		
8 5/8"	2 7/8"	10300'	1800	HOWCO		
8 5/8"	2 7/8"	10300'	1800	HOWCO		
8 5/8"	2 7/8"	10300'	1800	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See the attached sheet.

Result of Production Stimulation See the attached sheet.

Depth Cleaned Out 10,300'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 10,300 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing November 20, 1964

OIL WELL: The production during the first 24 hours was 241 barrels of liquid of which 98 % was
 was oil; _____ % was emulsion; 2 % water; and _____ % was sediment. A.P.I.
 Gravity 39.1

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut In Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1600'</u>	T. Dover <u>Bursum 9960'</u>	T. Ojo Alamo _____	
T. Salt <u>1680'</u>	T. XSTONMANX <u>Penn 10110'</u>	T. Kirtland-Fruitland _____	
B. Salt <u>2780'</u>	T. Montoya _____	T. Farmington _____	
T. Yates <u>2865'</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers _____	T. McKee _____	T. Menefee _____	
T. Queen _____	T. Ellenburger _____	T. Point Lookout _____	
T. Grayburg _____	T. Gr. Wash _____	T. Mancos _____	
T. San Andres <u>4486'</u>	T. Granite _____	T. Dakota _____	
T. Glorieta <u>5984'</u>	T. _____	T. Morrison _____	
T. Dover <u>Blinberry 6648'</u>	T. _____	T. Penn _____	
T. Tubbs <u>7385'</u>	T. _____	T. _____	
T. Abc <u>Wolfcamp 8017'</u>	T. _____	T. _____	
T. Proc <u>9405'</u>	T. _____	T. _____	
T. Miss _____	T. _____	T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	120	120	Caliche				
120	780	660	Redbed				
780	1600	820	Redbed & Sand				
1600	1680	80	Anhy				
1680	2780	1100	Salt				
2780	3450	670	Anhy & Salt				
3450	4610	1160	Anhy & Lime				
4610	5690	1080	Lime				
5690	6535	845	Lime & Sand				
6535	7288	753	Lime				
7288	8460	1172	Lime, Sand & Shale				
8460	9870	1410	Lime & Sand				
9870	10300	430	Lime, Sand & Shale				
Total Depth		10300					

All measurements from rotary table or 13' above ground level.

Estimate Number 8199

- 6 - NMOCC - Hobbs, New Mexico
- 1 - SIO - Santa Fe, New Mexico
- 1 - Field
- 1 - File

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator TEXACO Inc. H. D. Raymond December 18, 1964
 Name H. D. Raymond Address P. O. Box 728 - Hobbs, New Mexico (Date)
 Position or Title Assistant District Superintendent

State of New Mexico "N" Well No. 8

Spudded 17½" hole 6:30 A.M. October 2, 1964. Ran 358' of 13 3/8" O.D. Casing and cemented at 374' with 450 Sx. neat with CACL. Plug at 344'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P.S.I. Tested O.K. Job complete 11:00 P.M. October 3, 1964.

Ran 4785' of 9 5/8" O.D. Casing and cemented at 4800' with 300 Sx. Incor 8% gel, plus 200 Sx. Incor neat. Plug at 4771'. Tested before and after drilling plug for 30 minutes with 1000 P.S.I. Tested O.K. Job complete 3:00 P.M. October 17, 1964.

Vacuum Abo North Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 3' sub and RA collar at 9244', Plug at 10,294'.

Vacuum Wolfcamp Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 2' sub and RA collar at 9606', Plug at 10,292'.

Vacuum Upper Penn Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 2' sub and RA collar at 9660', Plug at 10,294'.

Pump plugs down with 500 gals acetic acid. Cement above strings of 2 7/8" Casing with 800 Sx. Incor 8% gel with FRA, plus 1000 Sx. Incor 4% gel. Job complete 11:45 A.M. November 8, 1964. Tested above strings of 2 7/8" Casing for 30 minutes with 1500 P.S.I. Tested O.K. Job complete 9:00 A.M. November 10, 1964.

Vacuum Wolfcamp Zone: Perforate 2 7/8" O.D. Casing with one jet shot at 10,072', 10,074', 10,076', 10,089', 10,091', and 10,097'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 1000 gals 15% NE acid in two stages with three ball sealers between stages.

On 24 Hour Potential Test well flowed through 19/64" choke ending 7:00 A.M. November 21, 1964, 236 BO and 5 BBL Water.

GOR - 1165

GRAVITY - 39.1

TOP OF PAY - 10,072'

BTM OF PAY - 10,097'

NMOCC DATE - November 4, 1964

TEXACO Inc. DATE - November 21, 1964

Vacuum Abo North Zone: Perforate 2 7/8" Casing with two jet shots at 9156', 9168', 9172', 9213', 9219', 9236', 9247', 9255', 9266', 9272', and 9299'. Acidize with 500 gals acetic acid. Swab well dry. Re-acidize with 10,000 gals 15% NE acid in four stages with six ball sealers between stages. Shut zone in.

Vacuum Upper Penn Zone: Perforate 2 7/8" Casing with one jet shot per foot from 10,171' to 10,181'. Acidize with 500 gals acetic acid. Swab well dry. Re-acidize with 1000 gals 15% NE acid. Slight show of oil and gas. Set plug at 10,110'. Perforate 2 7/8" Casing with two jet shots at 6100', 6106', 6113', and 6115'. Acidize with 1000 gals 15% NE acid. Swab well. Squeeze perforations with 75 Sx. LWL cement. Perforate 2 7/8" Casing with 2 jet shots at 6100', 6106', 6113', and 6115'. Swab well. Squeeze with 75 Sx. Vis-squeeze. Swab well. Acidize with 300 gals acetic acid. Swab well dry. Re-acidize with 1000 gals 15% NE acid. Swab well dry. Squeeze perforations with 100 Sx. Class "A" LWL cement. Perforate 2 7/8" Casing with two jet shots at 6113', 6115', and 6130'. Acidize with 1000 gals 15% NE acid. Swab well dry. Shut zone in.

I W. E. Morgan being of lawful age and being
 the Assistant to the District Supt. for TEXACO Inc., do state
 that the deviation record which appears on this form is
 true and correct to the best of my knowledge.

W. E. Morgan
 W. E. Morgan

Subscribed and sworn to before me this 23rd day of
November, 1964.

My commission expires October 20, 1966.

Notary ~~Republic~~ R. E. Johnson
 for Lea County, State of New Mexico
 Lease State of New Mexico "N" Well No. 8

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
130'	0
377'	1/4
720'	1/2
1272'	1/4
1680'	3/4
2465'	1
2860'	3
2994'	3
3230'	1 1/2
3360'	1 1/2
3765'	3/4
4370'	3/4
4724'	3/4
5304'	1 1/2
5700'	1 1/2
5910'	1 1/2
6010'	1 1/2
6361'	1 1/2
6710'	1
6927'	3/4
7280'	1
7460'	1 1/4
7825'	1 1/4
8106'	1 1/2
8684'	1 1/4
8990'	1 1/4
9140'	1 1/2
9265'	1 1/2
9820'	1 1/4
10110'	1 1/2
10200'	2 1/4